

Visitor's Guide NASA JSC RGO

Aircraft Operations Division

August 2005

CHANGE RECORD			
Doc. Version	Date	Process Owner/Ext.	Description
Rev B	Aug 2005	John S. Yaniec/49211 Dominic Del Rosso/49113	Complete Revision



National Aeronautics and
Space Administration
Lyndon B. Johnson Space Center
Houston, Texas

Aircraft Operations Division Visitor's Guide NASA JSC RGO	Doc. No.: AOD 33895	Doc. Version: Rev B
	Date: August 2005	Page 1 of 14

APPROVAL AUTHORITIES

Original Signed By

John S. Yaniec
Lead, Reduced Gravity Program

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Lyndon B. Johnson Space Center
Houston, Texas

Verify that this is the correct version before use.

Aircraft Operations Division Visitor's Guide NASA JSC RGO	Doc. No.: AOD 33895	Doc. Version: Rev B
	Date: August 2005	Page 2 of 14

TABLE OF CONTENTS

CHANGE RECORD.....	COVER PAGE
APPROVAL AUTHORITIES	1
TABLE OF CONTENTS	2
LIST OF FIGURES	2
1.0 INTRODUCTION	3
1.1 Purpose	3
1.2 Scope	3
1.3 References	3
1.4 Reduced Gravity Office Contact Information	3
1.5 List of Acronyms	4
1.6 Local Area Information	5
1.6.1 Maps	5
1.6.2 Restaurants	8
1.6.3 Hotels.....	9
1.6.4 Hardware/Specialty Stores	10
2.0 SAFETY POLICY	11
2.1 Johnson Space Center Requirements	11
2.2 Aircraft Operations Division Requirements	11
2.3 Human Research Policy	12
2.4 Test Personnel	12
INDEX.....	14

LIST OF FIGURES

Figure 1. Clear Lake Area Map	5
Figure 2. Ellington Field Map.....	6
Figure 3. Johnson Space Center Map	7

Aircraft Operations Division Visitor's Guide NASA JSC RGO	Doc. No.: AOD 33895	Doc. Version: Rev B
	Date: August 2005	Page 3 of 14

1.0 INTRODUCTION

The Reduced Gravity Program, operated by the National Aeronautics and Space Administration (NASA), Lyndon B. Johnson Space Center (JSC) in Houston, Texas, provides a “weightless” environment, similar to the environment of space flight.

1.1 Purpose

The purpose of this guide is to provide a guideline for existing and potential visitors to the JSC Reduced Gravity Program. This document outlines and provides safety requirements and local area information relating to visiting researchers.

1.2 Scope

This work instruction applies to all users and potential users of the JSC Reduced Gravity Program.

1.3 References

[AOD 33897, Experiment Design Requirements and Guidelines NASA 932 C-9B](#)

[AOD 33899, JSC Reduced Gravity Program User's Guide](#)

[JPG-1700.1I, JSC Safety and Health Handbook](#)

[JSC-20483, JSC Institutional Review Board - Guidelines For Investigators Proposing Human Research For Space Flight And Related Investigations](#)

1.4 Reduced Gravity Office Contact Information

Any questions concerning this document, the program, test requirements, test schedules, etc., should be directed to:

Reduced Gravity Office
Building 993
Ellington Field
Houston, Texas 77034
Call 281-244-9874, fax 281-244-9500 or E-mail: zerog1@jsc.nasa.gov

Aircraft Operations Division Visitor's Guide NASA JSC RGO	Doc. No.: AOD 33895	Doc. Version: Rev B
	Date: August 2005	Page 4 of 14

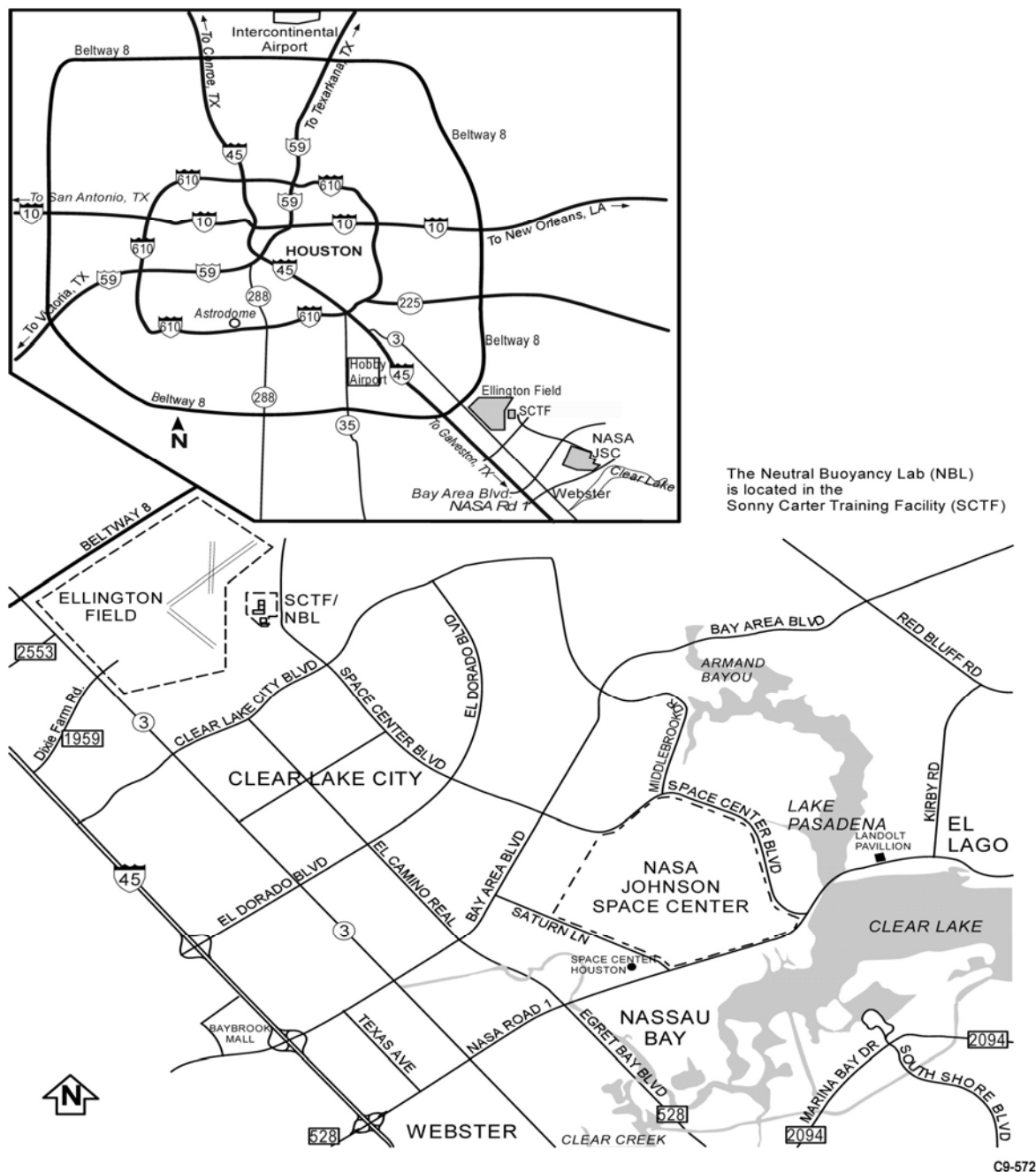
1.5 List of Acronyms

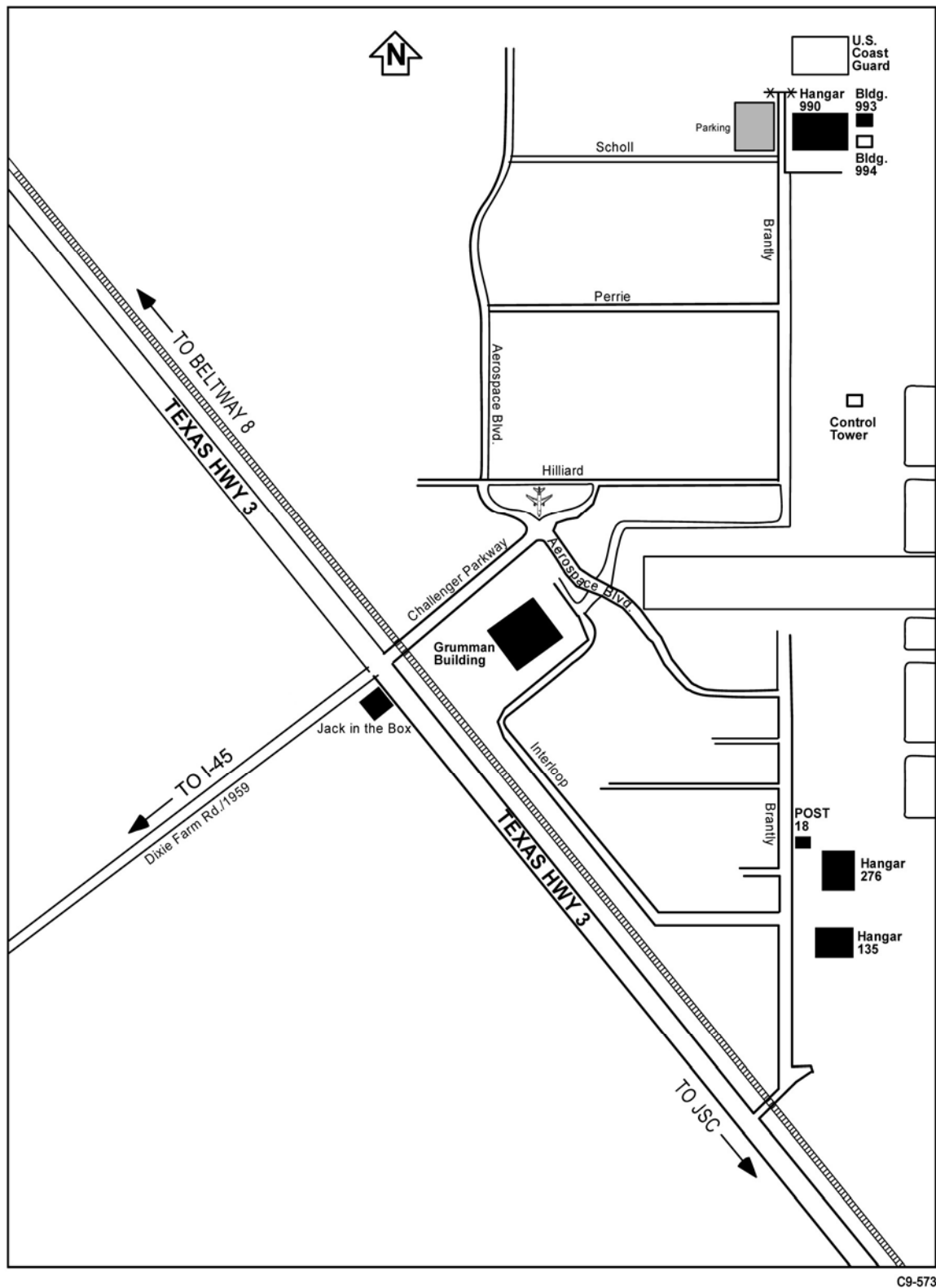
AOD	Aircraft Operations Division
IRB	Institutional Review Board
JSC	Johnson Space Center
NASA	National Aeronautics and Space Administration
OD	Olive Drab
RGO	Reduced Gravity Office

1.6 Local Area Information

This section provides information on the area surrounding the JSC. It is provided as an aid to researchers and guests and is not intended as endorsement.

1.6.1 Maps





C9-573

Figure 2. Ellington Field Map

Verify that this is the correct version before use.

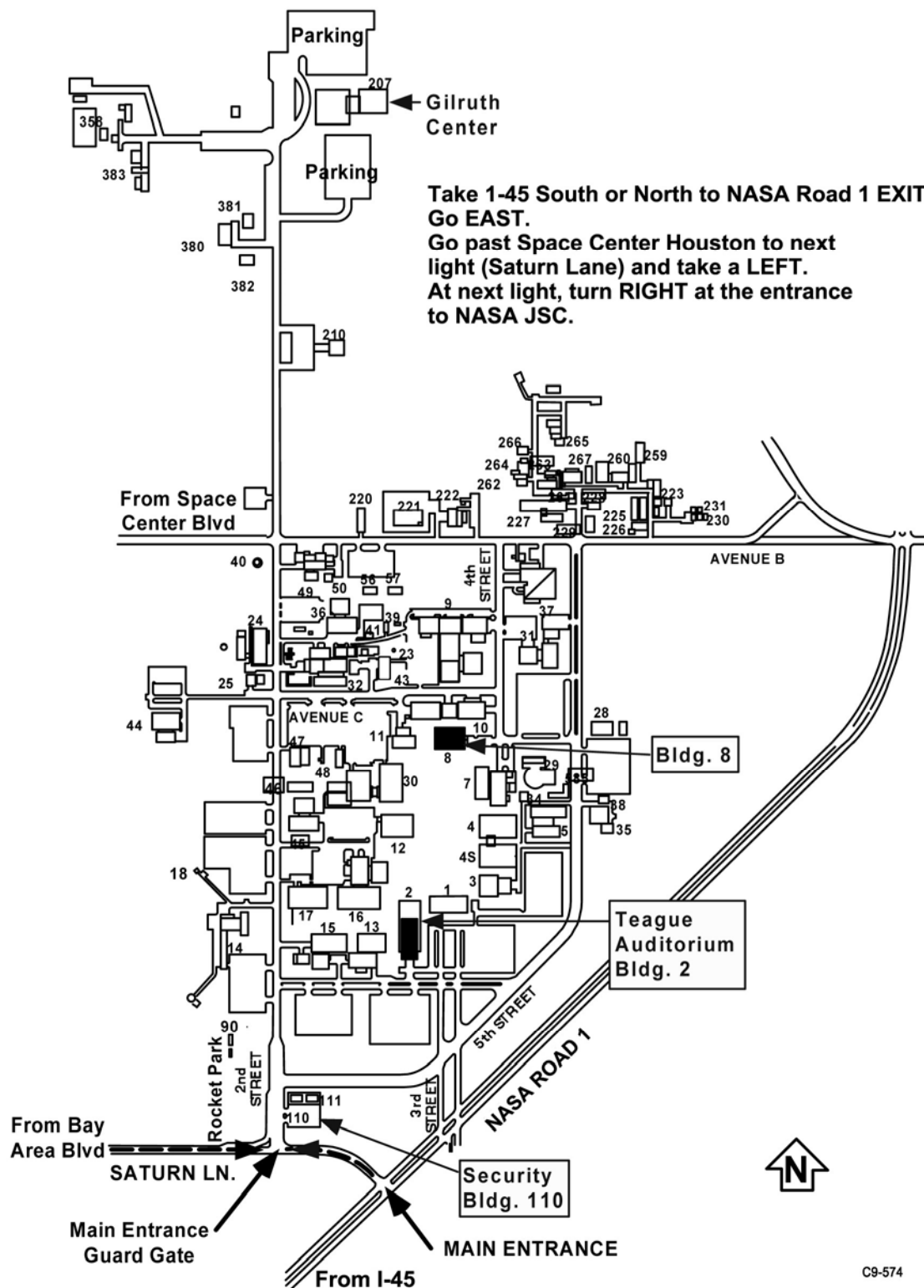


Figure 3. Johnson Space Center Map

Verify that this is the correct version before use.

Aircraft Operations Division Visitor's Guide NASA JSC RGO	Doc. No.: AOD 33895	Doc. Version: Rev B
	Date: August 2005	Page 8 of 14

1.6.2 Restaurants

Name	Address	Telephone
Angelo's Pizza & Pasta	400 W. Bay Area Blvd.	281-332-2404
Antonini's Subs & Steaks	17314 Hwy. 3	281-338-1305
Arby's Roast Beef Restaurant	2405 Bay Area Blvd.	281-486-9865
Ashley's Donuts	2160 Bay Area Blvd.	281-486-5644
Black-Eyed Pea	Hwy. 3 & Bay Area Blvd.	281-338-2571
BJ's Restaurant & Brewery	515 W. Bay Area Blvd.	281-316-3037
Buffalo Wild Wings	528 Bay Area Blvd.	281-338-9464
Burger King	515 El Dorado Blvd.	281-486-8780
Cajun Corner	10904 Scarsdale Blvd.	713-464-6809
Cappriccio's Pizza N Subs	341 El Dorado Blvd.	281-488-2838 (delivery only)
Coffee Oasis (Sandwich Shop)	1606 Clear Lake City Blvd.	281-488-8333
Colosseum Italian Restaurant	16608 El Camino Real	281-488-0731
Dairy Queen	225 El Dorado Blvd.	281-286-4717
Don Pico's Mexican Restaurant	2110 Bay Area Blvd.	281-280-8081
Domino's Pizza	1845 El Dorado Blvd.	281-480-7533
Double Dave's Pizza Works	Bay Area & Space Center Blvd.	281-286-DAVE
El Lago Burrito Co.	1227 Bay Area & Diana	281-461-0202
Franco Italian Restaurant	1101 E. NASA Rd 1	281-488-2207
Gardenia Mexican Restaurant	622 FM 1959 (Dixie Farm Rd.)	281-464-0988
Jack-In-The-Box	321 FM 359 S (Ellington Field/Hwy. 3)	281-375-5224
Jack-In-The Box	418 El Dorado Blvd.	281-286-4816
Jason's Deli	541 W. Bay Area Blvd.	281-338-8000
Kentucky Fried Chicken	1945 El Dorado Blvd.	281-488-8532
Little Caesar's Pizza	576 El Dorado Blvd.	281-486-4041
McDonald's	534 ½ El Dorado Blvd.	281-488-3326
Mr. Gatti's Pizza (Buffet)	16607 El Camino Real & Bay Area Blvd.	281-480-4800
Ninfa's Mexican Restaurant	463 Bay Area Blvd.	281-480-4090
Olive Garden	18976 Gulf Frwy.	281-488-1022
Outback Steakhouse	481 W. Bay Area Blvd.	281-338-6283
Perry's Steakhouse & Grille	487 Bay Area Blvd.	281-286-8800
Perry's Italian Grille	1001 Pineloch Dr.	281-488-2626
Perry's Market & Grille	12830 Scarsdale	281-481-5214
Pizza Inn	15148 Galveston Rd. (Hwy. 3)	281-480-0011

Verify that this is the correct version before use.

Aircraft Operations Division Visitor's Guide NASA JSC RGO	Doc. No.: AOD 33895	Doc. Version: Rev B
	Date: August 2005	Page 9 of 14

Name	Address	Telephone
Quizno's Classic Subs	16801 El Camino Real	281-282-9700
Salad Express	595 W. Bay Area Blvd.	281-338-2791
Sonic Drive-In	310 W. Bay Area Blvd.	281-338-9931
Steak & Ale	19222 I-45, Baybrook Mall	281-486-9115
Sweet Mesquite: a South Texas Grill	2412 Bay Area Blvd. (@ Space Center Blvd.)	281-488-8203
Subway Sandwich Shop	1190 Clear Lake City Blvd.	281-461-6162
Subway Sandwich Shop	534 El Dorado Blvd.	281-486-8636
Tommy's Patio Café	2555 Bay Area Blvd.	281-480-2221
Village Pizza & Seafood	2314 W. Main, League City	281-332-3606
Wendy's	16500 El Camino Real	281-488-4376

1.6.3 Hotels

Name	Address	Telephone
Beacon Hill Guest House Bed & Breakfast	3705 NASA Rd. 1, Seabrook, TX 77586	281-326-7643
Best Western Inn	889 W. Bay Area Blvd., Webster, TX 77598	281-338-6000
Best Western Inn	8600 Gulf Frwy. Houston, TX 77017	713-910-8600
Brentwood Inn NASA	1300 NASA Parkway, Houston, TX 77058	281-333-2500
Boardwalk Inn	8 Kemah Boardwalk, Kemah, TX 77565	281-334-9880
Candlewood Hotel Co.	2737 Bay Area Blvd., Houston, TX 77058	281-461-3060
Captain's Quarters Bed & Breakfast	701 Bay Avenue, Kemah, TX 77565	281-334-4141
Comfort Inn	750 W. NASA Rd. 1, Webster, TX 77598	281-332-1001
Courtyard by Marriott	9190 Gulf Frwy., Houston, TX 77017	713-910-1700
Fairwind Corp. Lodging	15900 Space Center Blvd., Houston, TX 77062	281-488-4945
Hilton Nassau Bay & Marina	3000 NASA Parkway, Houston, TX 77058	281-333-9300
Holiday Inn Express	2720 NASA Parkway, Seabrook, TX 77058	281-326-7200
Extended Stay America	720 W. Bay Area Blvd., Webster, TX 77598	281-554-7482

Verify that this is the correct version before use.

Aircraft Operations Division Visitor's Guide NASA JSC RGO	Doc. No.: AOD 33895	Doc. Version: Rev B
	Date: August 2005	Page 10 of 14

Name	Address	Telephone
Studio 6	12700 Featherwood Dr., Houston, TX 77034	281-929-5400
Homewood Suites	401 Bay Area Blvd., Houston, TX 77058	281-486-7677
Microtel Inn and Suites	1620 NASA Parkway, Houston, TX 77058	281-335-0800
Motel 6	1001 W. NASA Parkway, Webster, TX 77598	281-332-4581
Passport Inn and Suites	601 Texas Ave., Kemah, TX 77565	281-334-4855
Pelican House Bed & Breakfast	1302 1st St., Seabrook, TX 77586	281-474-5295
Quality Inn	904 NASA Parkway, Houston, TX 77058	281-333-3737
Ramada Inn NASA	1301 NASA Parkway, Houston, TX 77058	281-488-0220
Residence Inn	525 Bay Area Blvd., Houston, TX 77058	281-486-2424
South Shore Harbour Resort	2500 S. Shore Blvd., League City, TX 77573	281-334-1000
Super 8 Motel	18103 King's Row, Houston, TX 77058	281-333-5385
Towneplace Suites Houston Clear Lake	1050 Bay Area Blvd., Houston, TX 77058	281-286-2132

1.6.4 Hardware/Specialty Stores

Name	Address	Telephone
Allied Ace Hardware	5203 Fairmont, Pasadena	281-487-9288
EPCO Computer Electronics, Etc.	110 E. Medical Center Blvd.	281-286-5510
Friendswood Hardware & Supply	203 W. Edgewood Ave.	281-482-3487
Home Depot	1514 E. Broadway (SR518) @ Dixie Farm Rd.	281-993-1111
Home Depot	20251 Gulf Frwy. (@ NASA Rd. 1), Webster	281-554-2420
Home Depot	11820 Dickinson Rd. (I-45 Southbound @ Bltwy. 8)	281-464-2080
Lowe's	2741 E. Broadway (SR518) north of Dixie Farm Rd.	281-412-6300

Verify that this is the correct version before use.

Aircraft Operations Division Visitor's Guide NASA JSC RGO	Doc. No.: AOD 33895	Doc. Version: Rev B
	Date: August 2005	Page 11 of 14

Name	Address	Telephone
Matheson Tri-Gas Inc.	2200 Houston Ave. Houston, TX 77007	713-869-7351
Praxair Industrial Gases	9200 Telephone Road Houston, TX 77075	713-991-8700
Pearland Lumber & Ace Hardware	2027 N. Main St.	281-485-1474
Sears Hardware Store	2422-A Bay Area Blvd. (@ Space Center Blvd.)	281-488-6786
Sears Hardware Store	11293 Fuqua (@ I-45 Southbound)	713-910-0330
Sears, Roebuck & Co.	300 Baybrook Mall	281-486-3174
Space City Ace Hardware	3902 NASA Rd. 1	281-326-3300
Target	1801 W. Bay Area Blvd. (@ I-45, Baybrook Mall)	281-819-4117

2.0 SAFETY POLICY

The JSC Reduced Gravity Program is operated in accordance with established NASA safety procedures. The policies and requirements set forth in this document must be strictly adhered to.

This section describes the general safety policies that all personnel and equipment must comply with in order to occupy, work, and operate on NASA property. Please contact the RGO zerogl@jsc.nasa.gov with any questions regarding safety aspects at Ellington Field.

2.1 Johnson Space Center Requirements

All personnel and equipment arriving at JSC, including the Neutral Buoyancy Lab and Ellington Field, must adhere to all JSC safety guidelines as stated in the [JPG-1700.1, JSC Safety and Health Handbook](#). Contact the RGO to request a copy.

2.2 Aircraft Operations Division Requirements

All personnel and equipment arriving at Ellington Field must adhere to the following safety guidelines. A safety briefing will be given to all researchers upon arrival at Ellington Field.

1. In the event of an emergency at Ellington Field, **dial x44444** from any NASA phone to immediately contact an Emergency Action Team.
2. Identification badges issued by JSC Security must be displayed at all times while on NASA property. (See [AOD 33899](#) for Badging Requirements.)
3. C-9B researchers and visitors must stay within the immediate vicinity of Building 993 (RGO/High Bay). Admission to any other Ellington Field location is not allowed unless escorted by a NASA Aircraft Operations Division (AOD) badged employee.

Aircraft Operations Division Visitor's Guide NASA JSC RGO	Doc. No.: AOD 33895	Doc. Version: Rev B
	Date: August 2005	Page 12 of 14

4. Smoking is discouraged, but allowed in designated areas. Food and drink is only allowed in designated areas.
5. Loose items such as pencils, clothing, jewelry, badges, etc. must be accounted for at all times in order to prevent Foreign Object Debris problems with the aircraft.
6. All trash must be carefully placed in provided trash receptacles. Use specialty trash receptacles for batteries, oil rags, chemicals, etc.
7. Stay 15 feet away from all aircraft in Hangar 990 unless escorted by a NASA AOD badged employee.
8. Do not walk out onto the flight line (location where aircraft/ground support equipment is operated outside the hangar) unless escorted by a NASA AOD badged employee. Be aware of the flight line road immediately in front of the RGO (Building 993). Aircraft tugs, vans, and golf carts frequently travel along the road and pose a hazard to pedestrians in that area.
9. Stay at least 200 feet away from all operating aircraft engines.
10. Hearing protection is required during all outdoor and flight operations. Foam earplugs are provided through the RGO. [See [AOD 33897, Experiment Design Requirements and Guidelines NASA 932 C-9B](#) Noise Level(s).]
11. Storage of equipment and materials/supplies must be approved by the RGO prior to its arrival at Ellington Field. All equipment must be properly labeled upon its arrival.
12. All equipment (tools, test hardware, fluids, etc.) brought to Ellington Field must be inventoried and accounted for at all times.
13. There will be no unattended operation of research or other equipment on the aircraft or in Building 993. Someone familiar with the shut down procedures will be in attendance during any equipment operation. If an experiment is operating unsupervised, the Test Director **will** power the experiment down.

2.3 Human Research Policy

All JSC Reduced Gravity Program investigations involving human test subjects, animals, or biological tests must submit a JSC Institutional Review Board (IRB) protocol and obtain written approval prior to the Test Readiness Review.

2.4 Test Personnel

Each researcher will keep the number of personnel that are required to fly to a minimum. Only test personnel with a demonstrated need to participate in the investigation will be allowed to fly. All personnel are required to wear approved flight suits and proper footwear during the flight.

Aircraft Operations Division Visitor's Guide NASA JSC RGO	Doc. No.: AOD 33895	Doc. Version: Rev B
	Date: August 2005	Page 13 of 14

All researchers will wear the Olive Drab (OD) flight suits. The RGO provides the OD green flight suits on loan. There is no requirement for researchers to purchase their own flight suits. Researchers that wish to purchase their own flight suits may do so; however, flight suits **must** be made of NOMEX III material and the **only** color allowed is OD.

Proper footwear is defined as: boots (combat, hiking) or tennis shoes. In all cases the footwear must be clean. Sandals (or any open toe footwear) are **not** acceptable at any time on the aircraft (loading, during flight, off-loading) or within Ellington Field (EFD) facilities.

Aircraft Operations Division Visitor's Guide NASA JSC RGO	Doc. No.: AOD 33895	Doc. Version: Rev B
	Date: August 2005	Page 14 of 14

INDEX

Aircraft Operations Division, 13	JSC Institutional Review Board, 4, 14
Building 993, 4, 13, 14	Local Area Information, 6
C-9B, 13, 14	Purpose, 4
Clear Lake Area Map, 6	Reduced Gravity Office, 4, 5, 13, 14
Ellington Field, 4, 13, 14	Reduced Gravity Office Contact
Ellington Field Map, 7	Information, 4
Hardware/Specialty Stores, 11	Safety Policy, 13
Hotels, 10	Scope, 4
Human Research Policy, 14	Security, 13
Johnson Space Center Map, 8	Test Readiness Review, 14
Johnson Space Center Requirements, 13	zerogl@jsc.nasa.gov, 4, 13